

Table C-64. Federal obligations for basic research performed at universities and colleges for selected agencies, by detailed field of science and engineering: fiscal years 1999, 2000, and 2001

[Dollars in thousands]

Field of science and engineering	1999	Preliminary	
		2000	2001
Total, all fields	9,062,924	9,996,800	10,851,583
Life sciences, total	5,416,336	6,137,448	6,513,182
Biological (excluding environmental)	2,997,526	NA	NA
Environmental biology	126,467	NA	NA
Agricultural	97,552	NA	NA
Medical	2,017,596	NA	NA
Life sciences, n.e.c.	177,195	NA	NA
Psychology, total	223,810	265,424	278,081
Biological aspects	10,357	NA	NA
Social aspects	8,090	NA	NA
Psychological sciences, n.e.c.	205,363	NA	NA
Physical sciences, total	1,124,000	1,186,364	1,297,155
Astronomy	172,549	NA	NA
Chemistry	309,749	NA	NA
Physics	538,582	NA	NA
Physical sciences, n.e.c.	103,120	NA	NA
Environmental sciences, total	652,883	682,812	766,221
Atmospheric	187,975	NA	NA
Geological	143,181	NA	NA
Oceanography	232,612	NA	NA
Environmental sciences, n.e.c.	89,115	NA	NA
Mathematics & computer sciences, total	483,989	504,503	610,405
Mathematics	121,495	NA	NA
Computer sciences	337,917	NA	NA
Mathematics & computer sciences, n.e.c.	24,577	NA	NA
Engineering, total	725,167	747,410	858,254
Aeronautical	45,496	NA	NA
Astronautical	28,370	NA	NA
Chemical	44,400	NA	NA
Civil	32,100	NA	NA
Electrical	138,332	NA	NA
Mechanical	70,020	NA	NA
Metallurgy & materials	204,861	NA	NA
Engineering, n.e.c.	161,588	NA	NA
Social sciences, total	141,317	153,624	175,198
Anthropology	10,775	NA	NA
Economics	18,231	NA	NA
Political science	4,762	NA	NA
Sociology	5,470	NA	NA
Social sciences, n.e.c.	102,079	NA	NA
Other sciences, n.e.c.	295,422	319,215	353,087

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal years 1999, 2000, and 2001.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001